

10/553614

<p align="center"><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p align="center"><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: TOYA114.009APC  First Named Inventor: Hirai, Mitsuharu  Int'l Application No.: PCT/JP2004/005509  Int'l Filing Date: April 16, 2004  Priority Date Claimed: April 18, 2003  Title: METHOD OF DETECTING PANCREATIC ISLET  AMYLOID PROTEIN MUTANT GENE AND NUCLEIC  ACID PROBE AND KIT THEREFOR  Express Mail Label No.: EV 718229331 US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b> <span style="float: right;">Date: October 18, 2005 Page 1 of 2</span></p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

1. Mitsuharu, Hirai

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) This is an Express Request to begin national examination procedures (35 U.S.C. § 371(f)).
- (X) The U.S. has been elected (Article 31).
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau. Copy of Form PCT/IB/308 enclosed.
- (X) An English translation of the International Application as filed has been previously submitted under 35 U.S.C. § 371(d)(4).
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) Application in 22 pages.
- (X) An Oath or Declaration signed by the inventors (35 U.S.C. § 371(c)(4)).

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 5 pages.
- (X) Four sheets of drawings.
- (X) Sequence Listing on paper in 4 pages and Sequence Listing in CRF (in duplicate).
- (X) Recordation form cover sheet and Assignment in 3 total pages (cover sheet & assignment).
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing 6 references for consideration. Five references are enclosed.
- (X) Form PCT/IB/304.
- (X) First page of International Application as published

<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: TOYA114.009APC First Named Inventor: Hirai, Mitsuharu Int'l Application No.: PCT/JP2004/005509 Int'l Filing Date: April 16, 2004 Priority Date Claimed: April 18, 2003 Title: METHOD OF DETECTING PANCREATIC ISLET AMYLOID PROTEIN MUTANT GENE AND NUCLEIC ACID PROBE AND KIT THEREFOR Express Mail Label No.: EV 718229331 US
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Date: October 18, 2005 Page 2 of 2	

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FEE CALCULATION			
FEE TYPE & DETERMINATION	LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)	1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)			
(1) USPTO was ISA and claims are novel	1640 (\$0)		
(2) USPTO was the ISA	1641 (\$100)		\$400
(3) Foreign Search Report Enclosed	1642 (\$400)		
(4) No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)			
(1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4))	1643 (\$0)		\$200
(2) Non US IPEA / Noncompliant Claims	1633 (\$200)		
Excess Claims	9 - 20 = 0	1615 (\$50)	0 x 50 = \$0
Excess Ind. Claims	1 - 3 = 0	1614 (\$200)	0 x 200 = \$0
Assignment		8021 (\$40)	* x 40 = \$40
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>			<b>\$940</b>

(X) A check in the amount of \$940 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.



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**Attorney Docket No.** : TOYA114.009APC

**Applicant(s)** : Hirai, Mitsuharu

**For** : METHOD OF DETECTING PANCREATIC ISLET  
AMYLOID PROTEIN MUTANT GENE AND  
NUCLEIC ACID PROBE AND KIT THEREFOR

**Attorney** : Che Swyden Chereskin, Ph.D.

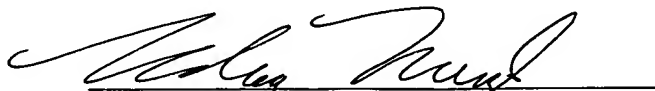
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I hereby certify that the accompanying

Transmittal; Application in 22 pages; Preliminary Amendment in 5 pages; Declaration and Power of Attorney in 2 pages; Information Disclosure Statement, PTO Form 1449 with 5 references; Assignment; Recordation Form Cover Sheet in 3 pages; Paper sequence listing in 4 pages and CRF diskette in duplicate; Four sheets of drawings; First page of International Application as published; Copies of PCT Forms PCT/IB/304 and PCT/IB/308; Check for Filing Fee; Return Prepaid Postcard

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